River Corridor/FFTF
Tri-Party Agreement Milestone Review
Meeting Minutes
June 15, 2006

Approval: _____ Date: 9/21/06
J. Hedges (H0-57)
Ecology IAMIT Representative

Approval: _____ Date: 9/26/06
M.S. McCormick (A5-11)
DOE IAMIT Representative

Approval: Craig Cameron for Date: 9/27/06
N. Ceto (B1-46)
EPA IAMIT Representative, Chairperson

Minutes Prepared by:

Sonya Moore Date: 9-28-06
S.L. Moore (H8-40)
Fluor Hanford, Inc.

Almquist, R.S.	RL	A3-04	Harris, S.	CTUIR*	
Ayres, J.M.	Ecology	H0-57	Hedges, J.	Ecology	H0-57
Bartus, D.	EPA	H0-57	Henry, D.	OOE*	
Bazzell, K.D.	RL	A3-04	Horst, L.	OOE*	
Bilson, H.E.	FH	H8-20	Hyatt, J.E.	FH	H8-40
Bond, R.	Ecology	H0-57	Jackson, D.E.	RL	A4-52
Bohnee, G.	NPT		Jim, R.	Yakama*	
Boyd, A.	EPA	B1-46	LaRue, D.N.	WCH	H0-20
Brown, M.J.	Ecology	H0-57	McCormick, M.S.	RL	A5-11
Butler, D.H.	WCH	H0-34	Morrison, R.D.	FH	H8-12*
Cameron, C.E.	EPA	B1-46	Neath, J.P.	RL	A3-04
Ceto, N.	EPA	B1-46	Niles, K.	OOE*	
Chapin, D.H.	RL	A3-04	Pettiette, P.L.	WCH	H0-21
Chalk, S.E.	RL	A7-75	Piippo, R.E.	FH	H8-12*
Cimon, S.	ODE		Price, J.	Ecology	H0-57
Clark, C.E.	RL	A5-15	Romine, L.D.	RL	A6-33
Cusack, L.	Ecology	H0-57	Skinnarland, E.R.	Ecology	H0-57
Doebler, S.V.	FH	N2-51	Vance, J.G.	FH	H8-12
Erickson, L.	RL	A3-04	Walsh, J.L.	WCH	H0-20
Farabee, A.	RL	A3-04	Weis, J.J.	RL	
Fox, M.B.	WCH	H0-20	Whalen, C.	Ecology	H0-57
Franco, J.R.	RL	A3-04	Wolf, A.	CTUIR	
Frey, J.A.	RL	A5-13	Administrative Record		H6-08*
Fritz, L.L.	FH	H8-12	*w/Attachment		
Gallagher, R.G.	FH	H5-20			
Guercia, R.F.	RL	A3-04			

River Corridor/FFTF
Tri-Party Agreement Milestone Review
Meeting Minutes
June 15, 2006

River Corridor Project portion of M-016/M-089/M-092-12/M-092-16/M-093/M-094

M-092-12 and 16, 300 Area Special Case Waste (Shared with FH).
Change Request M-92-06-01 has been signed by RL and Ecology to delete M-092-12 and extend M-092-16 to align with completion of M-094.

M-016-57, Initiate Soil Remediation at K-East Basin
RL stated they may have some trouble keeping this milestone on schedule and may need to show this as behind schedule at the next quarterly meeting. DOE has not given direction to WCH to change the date, but the expectation is that it may slip. EPA wanted it noted that their expectation is that it does not slip.

M-089-00, Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault.
Change Request M-89-04-01, approved 4/10/06, extended the due date for M-89-00 to align with Interim Milestone M-094-03 to complete disposition of the 324 Building.

DOE and WCH have been working closely with Ecology on two Change Requests, M-16-05-06 and M-94-05-02. One additional interim milestone will be added to each draft Change Request.

River Corridor Project Accomplishments

- D-4 Closure Project - WCH has made good progress in the last three months. They are working on a paper for the 324-327 Buildings to start an accelerated work activity. Eleven buildings in the 300 Area have been demolished. Now the concentration is on the 333 Building, which is in the deactivation phase.
- Reactor Interim Safe Storage (ISS) - There is not a lot of visible progress on the Reactor ISS Closure Project as WCH has been working on the KE/KW Reactor EE/CA. The emphasis is now on N reactor ancillary facility demolition.
- Field Remediation is making good progress addressing the mercury issues. Work is progressing in B/C and will start in D, F, K, and 300 Areas. Completed the Readiness Assessment for 118-K-1 and submitted to RL for approval. RL stated that there were 4-5 post-start findings, but that WCH was allowed to start work on the outside trenches. The backfill on 116-N-1 Crib and Trench is basically complete; they are in the process of re-contouring. Major excavations North of the fence line are basically complete.
- Waste Operations Project - Issued a Transportation Services Master Agreement RFP in order to have other means to transport waste between areas. EPA asked for clarification on the PEcoS shipment. WCH stated that this shipment was waste that had been treated and was returned for ERDF disposal. Other waste is from FH; exact locations were not known.

Action: Provide clarification to EPA on where the waste is coming from. Action completed on 6-15-06 via email to N.Ceto.

End State and Final Closure Project - There are a number of documents out for review. A significant sampling operation along the river is in process. EPA is not clear on the bullet addressing the schedule relief WCH requested for the risk assessment work plan (see Page 9 of the handout). The work plan and associated risk assessment are necessary for completion of a final ROD, which is the desired result. Because the work plan is not a milestone but rather a contract deliverable from WCH to RL, the schedule relief for completion of it was not reviewed and/or approved by the Regulators.

RL decided to break this work into two tasks (compilation and evaluation of existing data, followed by completion of a risk assessment work plan) and EPA expected them both to be funded, but that did not happen. The second task was deferred because the existing data compilation/evaluation task did not indicate a clear need or boundary for a risk assessment downstream of the Hanford Site. The apparent lack of a contractual path-forward for the Columbia River Component (CRC) has been an issue with the Regulators for some time. In the opinion of the Regulatory agencies, it is necessary to complete the Risk Assessment Work Plan as the path to a final ROD. EPA and Ecology expressed a great deal of concern over the deferral period of two years, which was requested by WCH and granted by RL in order to allow adequate time to determine the appropriate path forward. EPA and Ecology have been very vocal about their concern. Without the agencies' knowledge of the time-frame, WCH requested and was granted the extension. However, the agencies had been briefed on and were aware of the likely re-evaluation of the CRC path forward.

RL stated the reason they granted the delay is that it appeared the Work Plan scheduled to be generated was not the appropriate next step for the CRC, given the results of the existing data evaluation. It was anticipated that existing data, once compiled, would clearly delineate a downstream boundary for a Hanford Site contaminant related risk assessment. When it did not, it became apparent that an additional scoping task should be completed prior to proceeding with a risk assessment. The deferral was granted to WCH in order for a path forward to be discussed and negotiated with the regulatory agencies. The expectation is that there will be public workshops on this information and milestones tied to the identified CRC work activities.

RL stated there is a draft Work Plan for the CRC but they are hesitant to issue it until they get a better grasp of the scope, given the unexpected results of the data compilation and evaluation task. EPA is upset that, given the Regulators concern, RL felt they had to give WCH some relief. While RL believes it was a prudent course of action, EPA emphasized that this is not good business practice.

It appears RL is stepping on each others toes and that the schedule is not being managed or thought out well. The Regulators attend different risk assessment meetings and hear different stories about risk assessment scopes. They need to know what the deviation from scope is. The scope problem is between the risk assessment project and RL. It is not clear which risk assessment is covering air and which is covering ground. RL is

looking for a complete picture for the Risk Assessment to address. RL and the Regulators need to get together on the deviation of scope.
Action: The Regulators want to have another meeting with WCH and RL to determine a path forward on this issue.

- Integration Issues – Ecology is having concerns about how risk assessments fit together. Discussion is needed about how the integration between contractors proceeds. The 100N Risk Assessment by FH could delay WCH's schedule for the 100/300 Area SAP. RL stated that they are getting together with WCH next week and the intent is to integrate the two schedules for this work.

Fast Flux Test Facility (FFTF) Deactivation

M-081-00 Series, Complete FFTF Facility Transition

General comment on Slides 2 and 3 that the shading should all be the same and indicates those milestones are complete.

FH continues to focus on fuel wash and sodium drain work, which is currently the FFTF high priority work. The remaining fuel consists of fuel pins with fuel pellets in them that have sodium melted around them. The end state for this fuel is at Idaho National Lab (INL). It is imperative that RL be allowed to use the T3 cask to ship the fuels to Idaho as the Batt* agreement allows up to 12 shipments of the sodium bonded fuel. Without being able to use the T3 cask, it will be closer to 70 shipments. EPA questioned if there were anything that would prevent the T3 cask from being used. RL stated they know of no security issues with taking the fuels to Idaho. EPA stated that the INL Citizens Board believes the waste will be sent back to Hanford. Ecology asked what the process is INL will use to treat this waste. RL explained that basically it is melting the fuel, separating the 'bad' from the 'good,' and burying the good waste. INL is prepared to perform this work as they have already processed a couple of kg in a laboratory environment. They would need to gear up to full scale operation to do the FFTF fuels. EPA stated they would like to hear more about this process and DOE stated they would brief them.
* A settlement Federal Court order between the DOE vs. The State of Idaho (Governor Batt).

Inside the Interim Decay Storage (IDS) vessel there are 108 Core Component Pots (CCPs) full of sodium. The sodium will be removed by plunging the sodium out, which leaves 3.7 gallons of sodium in the bottom of each pot. Initially, RL planned to cut up the pots, but the radiological readings were too high. Now it is planned to store all the pots in a large box. The box should not need any significant shielding and it will be stored either in FFTF containment or at the Maintenance and Storage Facility (MASF, Building 437). The box will be kept in an inert condition. Ecology understands that these pots will be RCRA material and need to be stored in a permitted facility. They asked DOE what their justification is for storing the pots in MASF since it is not a permitted facility.

RL sent a letter to INL allowing them to cancel the Sodium Processing Facility contract as FFTF will go to some as yet undefined Surveillance and Maintenance. The budget for FFTF is $42M in FY06, $34.8M in FY07, and $10M in FY08. How much work can be accomplished for $10M is still being determined.

T3 Cask – RL has the Certificate of Compliance (CoC) from the Nuclear Regulatory Commission (NRC) and Department of Energy but they are limited to transporting only 18 or less pins at a time. There is an ongoing effort to design an inner liner for the T3 cask to allow it to be licensed by DOE. This will enable INL to store and turn around shipments at a faster pace. The liner is designed to keep moisture out. Since there is no 'pedigree' on the cladding on sodium bonded fuel, another boundary is needed. RL needs the CoC by August 2007 in order to start shipping. If the CoC is not awarded, FFTF would not have the money to stay open long enough to perform the 70 shipments. If the T3 cask is not approved for the 12 shipments, the

sodium bonded fuel will need to be put in Interim Storage Casks and stored onsite for an indefinite time period. This would result in a need to renegotiate the TPA milestone.

Bulk sodium – The original intent was to send the bulk sodium to INL. Because the FFTF shutdown strategy has changed and the FFTF schedule has slipped so far, INL is no longer keeping the facility open waiting for FFTF's sodium. If the sodium does not go to INL, there will have to be a sodium processing facility built on the Hanford Site. The cost of the facility is very roughly estimated at ~$25M. Ecology voiced concerns that facilities are being constructed in the future that are big ticket funding items and yet these facilities are not in the baseline. The cost of the facility and other priorities need to be evaluated. Ecology asked how this issue is being coordinated with WTP. DOE coordinates the sodium path forward with WTP on the tank management EIS, has periodic meetings to reaffirm their understanding, and has a paper trail to verify this coordination. If the sodium is stored on site, it would be stored as a feed product.

Ecology asked if the Global Nuclear Energy Partnership (GNEP) request for a fast spectrum reactor (such as FFTF) has any bearing on shutting down FFTF. DOE stated there are no plans to stop work due to this information. There was discussion about the possibility of using the FFTF for this and it was noted that it is a viable concept.

Tri-Party Agreement Major Milestone Management Review
June 15, 2006

Name	Organization	Mail Stop	Attachments Yes/No
Sonya Moore	FH EP	H8-40	X
Ron Morrison	FH EP	H8-12	X
Deena LaRue	WCH	—	—
Judy Vance	FFS EP	H8-13	X
Mike Fr	WCH		X
Shelley Cimon	ODE	scimon@oregontrail.net	X
Larry Romine	DOE		no
Rob Gibbs	FH		Y
Doug Chapin	DOE-RL/FFTF	A3-04	No
Craig Cameron	EPA		No
Kevin Bazzell	DOE-RL/AMRC		NO
Jane Hedges	ECY		No
Laura Cusack	ECY		
John Price	ECY		NO
Dennis Faulk	EPA		
Larry Gadbois	EPA		
Nick Ceto	EPA		
Al Farabee	DOE		
Alicia Boyd	EPA		No
RF Guercia	RL	A3-04	
Melinda J Brown	Ecy		Yes
Cheryl Whalen	Ecy		
Fran DeLozier	WCH	H0-34	yes
Jim Butler	WCH	H0-34	yes

Tri-Party Agreement

June 15, 2006

River Corridor Milestone Review

Place : EPA Conference Room, 309 Bradley Boulevard, Suite 115, Richland, WA.
Time: 10:00 am - 11:00 am
Chairperson: Nick Ceto

10:00 am M-16-00 Complete Remedial Actions
M-93-00 Disposition of Surplus Reactors
M-94-00 300 Area Surplus Facilities
M-89-00 324 Bldg. Closure of MW Units
M-92-00 Facilities for Sodium and Special Case Waste

10:45 am M-81-00 Fast Flux Test Facility Transition

11:00 am Adjourn River Corridor Milestone Review

Inter Agency Management Integration Team

Place: EPA Conference Room, 309 Bradley Boulevard, Suite 115, Richland, WA.
Time: 11:00 am - 11:30 am
Chairperson: Nick Ceto

11:00 am Discussion on the need for Risk Assessments Prior to Selecting the Final Remedial Actions.

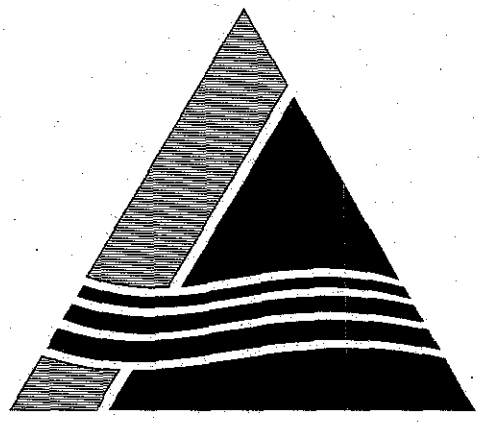
11:15 am Update on Status of M-91 Milestones to Certify TRU/M Waste.

11:30 am Adjourn IAMIT

River Corridor Closure Project

TPA Quarterly Review

For period: March 2006 – May 2006



Tri-Party Agreement

River Corridor Milestones:	
M-16	M-92-16
M-89	M-93
M-92-12	M-94

U.S. Department of Energy
U.S. Environmental Protection Agency
Washington State Department of Ecology

June 15, 2006

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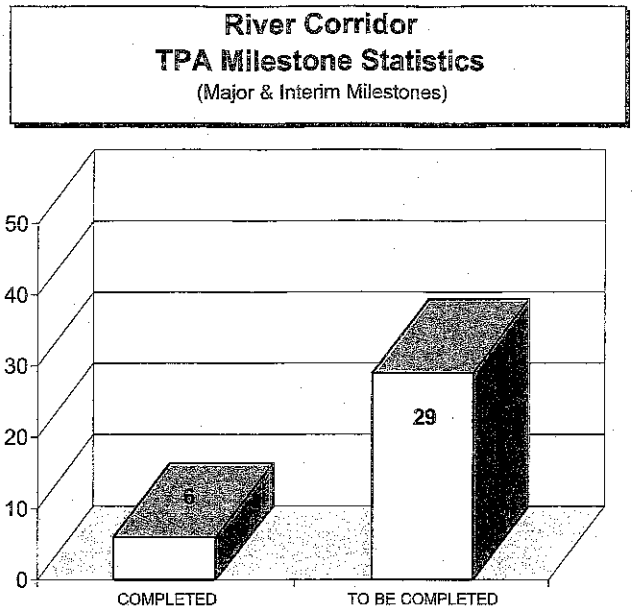


	Compliance Due Date	To Be Completed	Milestone Number	Compliance Due Date	Milestone Number	Compliance Due Date
M-16 Remedial Design / Remedial Action Risk Assessment	**9/30/2018** **(M-16-00B)**	**22**	***M-16-70 (C)***	***10/30/05***	M-16-61	12/31/08
			M-16-63 (C)	***12/31/05***	M-16-58	04/30/09
			M-16-46	07/31/06	M-16-52	07/31/09
			M-16-45	12/31/06	M-16-64	09/30/10
			M-16-60	12/31/06	M-16-51	12/31/10
			M-16-67	03/31/07	M-16-47	12/31/11
			M-16-57	04/30/07	M-16-53	12/31/12
			M-16-72	06/30/07	M-16-55	12/31/12
			M-16-50	07/31/07	M-16-62	12/31/12
			M-16-54	07/31/08	M-16-00A	12/31/12
			M-16-49	12/31/08	M-16-69	09/30/15
			M-16-56	12/31/08	M-16-00B	09/30/18
M-93 Reactors on River Final Disposition	**TBD** **(M-93-00)**	**4**	***M-93-18 (C)***	***12/31/05***	M-93-22	09/30/11
			M-93-23 (C)	***07/31/06***	M-93-20	09/30/12
			M-93-19	09/30/09	M-93-00	TBD
M-89 Closure of 324 Bldg Non-Permitted Mixed Waste Units	**9/30/2010** **(M-89-00)**	**1**	M-89-00	09/30/10		
M-94 300 Area Surplus Facilities Demolition	**9/30/2010** **(M-94-03)**	**2**	***M-94-01 (C)***	***12/31/05***	M-94-03	09/30/10
			M-94-05 (C)	***09/30/06***	M-94-00	09/30/15
Milestones to be Completed		**29**	**6** --- **MILESTONES COMPLETED IN FY06 *(C)***			

Will also support the following two milestones (which are shared with Fluor Hanford)					
M-92 300 Area Special Case Waste	**9/30/2006**	**2**	M-92-12	09/30/06	327 SCW portion of milestone completed 3/21/06; discussions are underway with Central Plateau regarding the final SCW item in the 340 bldg. No further River Corridor actions required.
			M-92-16	09/30/06	327 SCW portion of milestone completed 3/21/06; discussions are underway with Central Plateau regarding the final SCW item in the 340 bldg. No further River Corridor actions required.

RIVER CORRIDOR
FY 2006 TPA MILESTONE SUMMARY

Status as of: May 31, 2006

Project	Milestone	Title	Compliance Date	Forecast/ Actual Date	Completed		Forecast			Unrecoverable	To Be Deleted
					Ahead Schedule	On Schedule	Ahead Schedule	On Schedule	Behind Schedule		
ESFC	M-16-70	Begin Sampling to Support the 100 Area and 300 Area Component of River Corridor Baseline Risk Assessment	10/30/2005	10/13/2005 (A)	X						
ISS	M-93-18	Complete 105-H Reactor Interim Safe Storage	12/31/2005	10/20/2005 (A)	X						
FR	M-16-63	Submit a Schedule and TPA Milestones to Complete Interim Remedial Actions for 300-FF-2 Waste Sites and Confirmatory Sampling of 300-FF-2 Candidate Sites	12/31/2005	12/29/2005 (A)		X					
D4	M-94-01	Submit a Schedule and TPA Milestones to Complete Disposition of the Surplus Facilities in the 300 Area	12/31/2005	12/29/2005 (A)		X					
FR	M-16-46	Initiate Remedial Actions for Remaining Waste Sites for 100-D Area	07/31/2006					X			
ISS	M-93-23	Submit EE/CA for KE/KW Reactor ISS	07/31/2006	03/03/2006 (A)	X						
D4	M-94-05	Complete Deactivation, Decontamination, Decommissioning, and Demolition of 313 and 314 Facilities	09/30/2006	02/16/2006 (A)	X						
D4	M-92-12*	Complete Acquisition of New Facilities, Modification of Existing Facilities, and/or Modification of Planned Facilities Necessary for Consolidated Storage Prior to Disposal of Hanford Site 300 Area Special Case Waste	09/30/2006	**327 SCW portion of milestone completed 3/21/06; discussions are underway with Central Plateau regarding the final SCW item in the 340 building. No further River Corridor actions required.**							
D4	M-92-16**	Complete Removal and Transfer, and Initiate Storage of Phase III 300 Area Special Case Waste (SCW) Waste and Materials	09/30/2006	**327 SCW portion of milestone completed 3/21/06; discussions are underway with Central Plateau regarding the final SCW item in the 340 building. No further River Corridor actions required.**							
Total FY 2006 River Corridor TPA Milestones			7		4	2	0	1	0	0	0

*M-92-12 - Milestone shared with Fluor Hanford.
**M-92-16 - Milestone shared with Fluor Hanford.

RIVER CORRIDOR
FY 2007 TPA MILESTONE SUMMARY

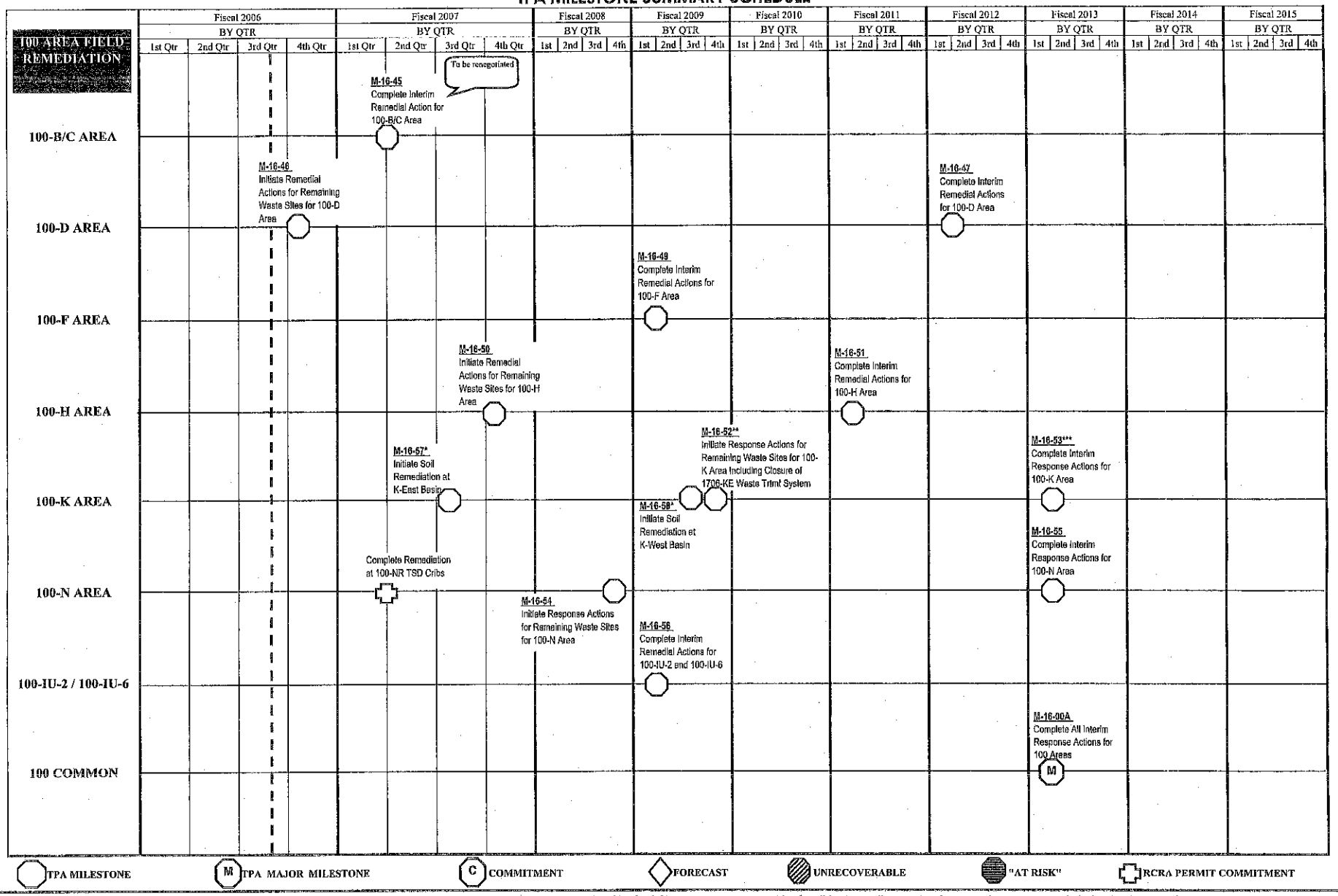
Status as of: May 31, 2006

Project	Milestone	Title	Compliance Date	Forecast/ Actual Date	Completed		Forecast			Unrecoverable	To Be Deleted
					Ahead Schedule	On Schedule	Ahead Schedule	On Schedule	Behind Schedule		
FR	M-16-45*	Complete Interim Remedial Action for 100-B/C Area	12/31/2006				**M-16-45 is planned for renegotiation**			X	
FR	M-16-60	Complete Interim Remedial Actions for at Least 3 of the Following High Environmental Priority 300-FF-2 Waste Sites (316-4, 618-2, 618-3, 618-5, 618-7) and Complete Confirmatory Sampling of 300-FF-2 Candidate Sites 300-7 and 300-9	12/31/2006					X			
FR	M-16-67	Submit a Technology Development Summary Report for Phases I, II, and III, an Intermediate Design Report, a Remediation Schedule, and a Treatability Investigation Work Plan for Remedial Actions at 618-10 and 618-11 Burial Grounds	03/31/2007					X			
FR	M-16-57**	Initiate Soil Remediation at K-East Basin	04/30/2007					X			
ESFC	M-16-72	Submit Draft 100 Area and 300 Area Component Baseline Risk Assessment Report	06/30/2007					X			
FR	M-16-50	Initiate Remedial Actions for Remaining Waste Sites for 100-H Area	07/31/2007					X			
Total FY 2007 River Corridor TPA Milestones			6		0	0	0	5	0	1	0

*M-16-45 - Extension required due to significant increase in burial ground waste volumes, discovery of SNF pieces, and extensive quantities of anomalous material requiring characterization.
**M-16-57 - To initiate full-scale remedial action within one month after basin removal performed by another Hanford Site contractor, may not be feasible depending on timeframe and scope currently being implemented.

River Corridor Closure Project

TPA MILESTONE SUMMARY SCHEDULE



*M-16-57/M-16-58 - To initiate full-scale remedial action within one month after basin removal performed by another Hanford Site contractor may not be feasible depending on timeframe and scope currently being implemented.

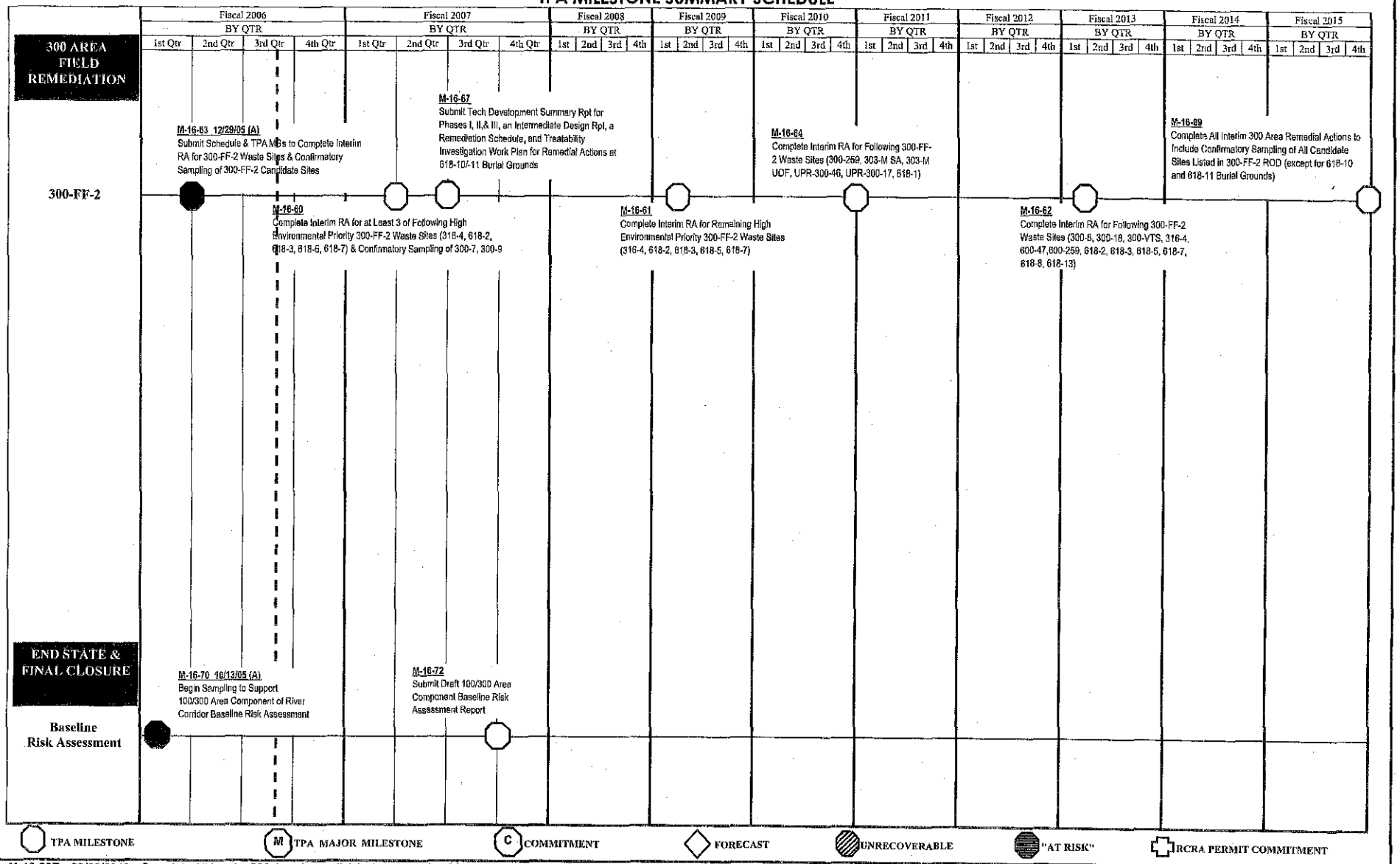
**M-16-52 - Portion that states "including closure of 1706-KE Waste Treatment System" is not RCC scope.

***M-16-53 - Statement in TPA CR M-34-04-01 states "100-K Area remedial action is not complete until K-Basin sludge shipments for disposal off site have taken place". This portion is not RCC scope.

Status as of: May 31, 2006

River Corridor Closure Project

TPA MILESTONE SUMMARY SCHEDULE



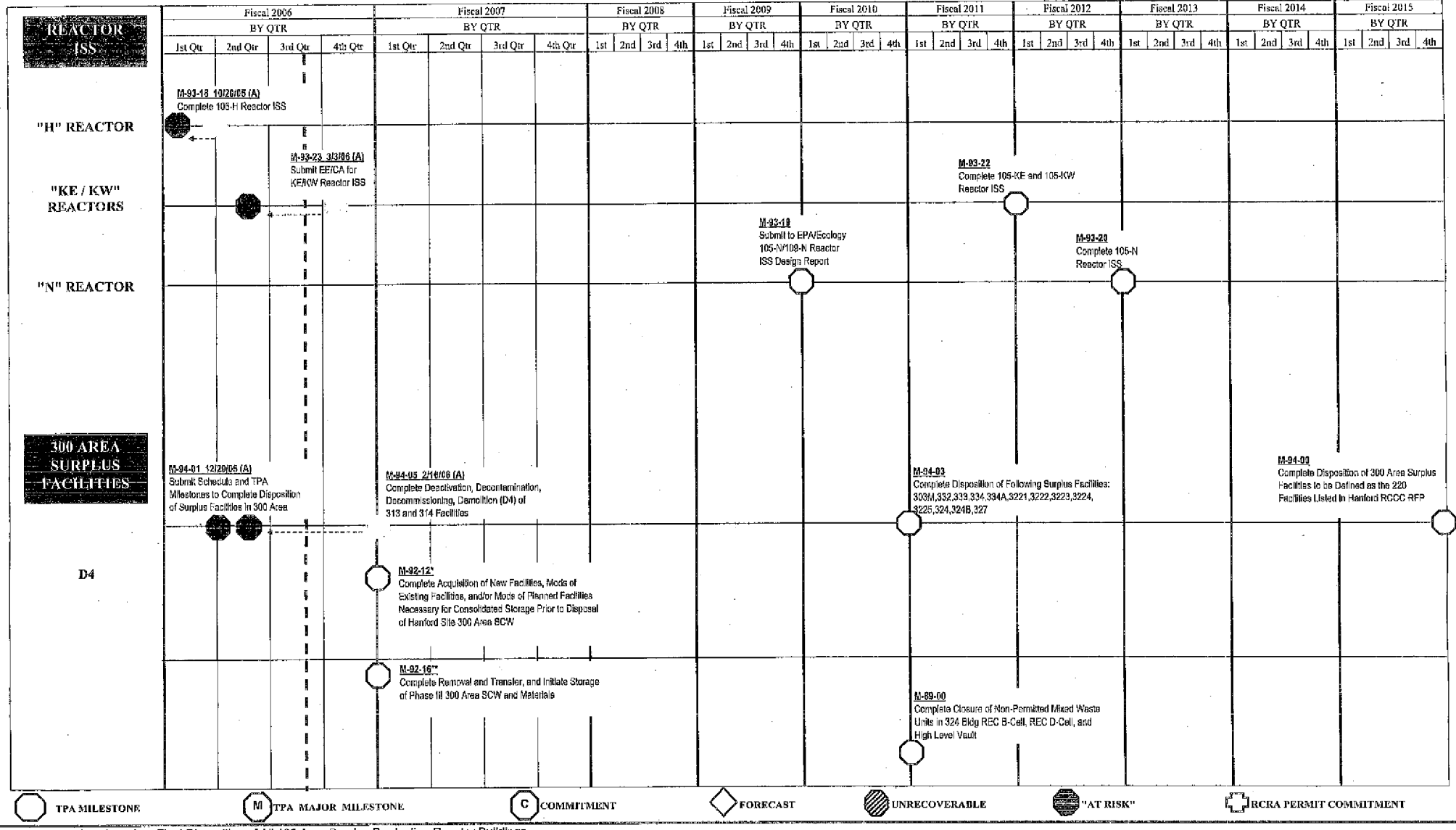
M-16-00B - 09/30/2018 - Complete All Interim 300 Area Remedial Actions Including 618-10 and 618-11 Burial Grounds

C-16-06C - TBD - Submit a Schedule and Establish Commitments to Complete Remedial Investigation/Feasibility Studies and Proposed Plans in Support of the Final ROD for the 100 Area

C-16-06D - TBD - Submit a Schedule and Establish Commitments to Complete Remedial Investigation/Feasibility Studies and Proposed Plans in Support of the Final ROD for the 300 Area

River Corridor Closure Project

TPA MILESTONE SUMMARY SCHEDULE



M-93-00 (TBD) - Complete Final Disposition of All 100 Area Surplus Production Reactor Buildings

***M-92-12** - Milestone shared with Fluor Hanford. 327 SCW portion of milestone completed 3/21/06; discussions are underway with Central Plateau regarding the final SCW item in the 340 building. No further River Corridor actions required.

****M-92-16** - Milestone shared with Fluor Hanford. 327 SCW portion of milestone completed 3/21/06; discussions are underway with Central Plateau regarding the final SCW item in the 340 building. No further River Corridor actions required.

RIVER CORRIDOR TPA CHANGE REQUESTS (March - May 2006)

M-89-04-01
324 Building Closure
Approved - 4/10/06

This change request extended **M-89-00**, "Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault", compliance date to 9/30/2010 from 10/31/2005. This new date aligns with M-94-03, "Complete Disposition of Following Surplus Facilities: 303M, 332, 333, 334, 334A, 3221, 3222, 3223, 3224, 3225, 324, 324B, 327" compliance date.

Awaiting approval of the following two draft change requests submitted 12/29/2005:

M-16-05-06
300-FF-2 Waste Site Remediation
Proposed

The following two TPA interim milestones were proposed (12/29/05) to show continued progress towards completion of interim remedial actions of 300-FF-2 "inside the fence" waste sites:

– **M-16-73 - (9/30/2008)** - Initiate Soil Remediation at the 618-1 Burial Ground

– **M-16-74 - (9/30/2012)** - Complete Remediation (to include excavation, loadout, closeout sampling, backfill, and revegetation) for all 300 Area "Inside the Fence" Waste Sites North of Apple Street

The following interim milestone is proposed for revision to remove the 316-4 waste site from this milestone as it will be remediated with the 618-10 Burial Ground:

– **M-16-61 - (12/31/2008)** - Complete Interim Remedial Actions for the Remaining High Environmental Priority 300-FF-2 Waste Sites ~~(316-4~~, 618-2, 618-3, 618-5, and 618-7)

M-94-05-02
300 Area Surplus Facility Disposition
Proposed

The following three TPA interim milestones were proposed (12/29/05) to show continued progress towards deactivation, decontamination, decommissioning, and demolition of 300 Area high priority facilities:

M-94-06 - (12/30/2007) - Complete Removal of 3 of the Following 19 High Priority Facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 Trench, and 3720; to include 333 Facility

M-94-07 - (12/30/2009) - Complete Removal of 6 of the Following 19 High Priority Facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 Trench, and 3720; to Include 306E, 306W, 3720, and 305B Facilities

M-94-08 - (12/31/2011) - Complete Removal of 12 of the Following 19 High Priority Facilities: 305B, 306E, 306W, 307 Retention Basins, 308, 309, 321, 323, 324, 324B, 325, 326, 327, 329, 333, 340, 3706, 307 Trench, and 3720

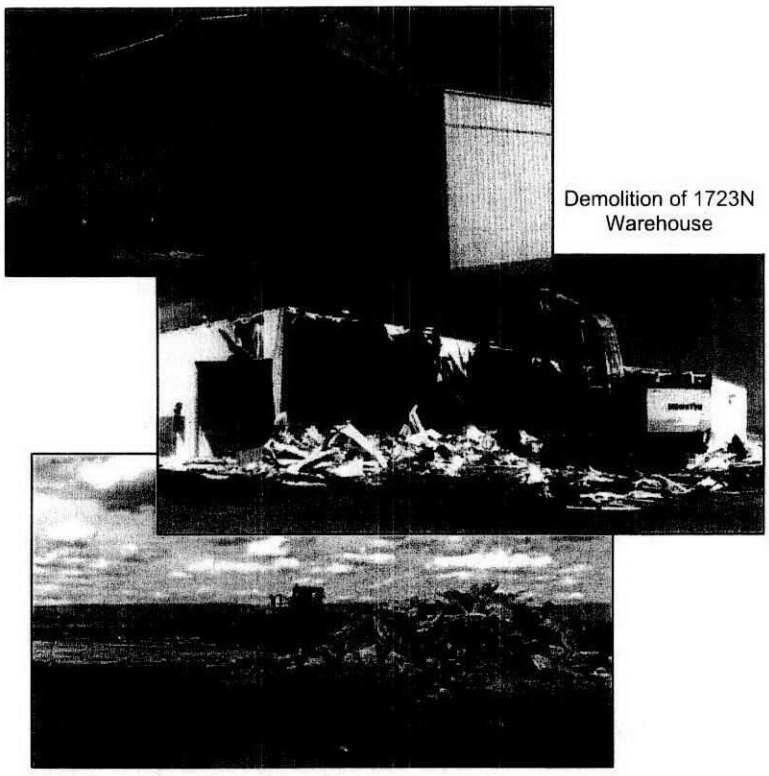
RIVER CORRIDOR PROJECT ACCOMPLISHMENTS

Washington Closure Hanford (WCH) assumed River Corridor cleanup responsibilities on August 27, 2005. Cleanup along the Columbia River will be accomplished by five major WCH projects: Deactivation, Decontamination, Decommissioning, and Demolition (D4) Closure Project, Reactor Interim Safe Storage (ISS) Closure Project, Field Remediation (FR) Closure Project, Waste Operations Project, and End State and Final Closure (ESFC) Project. Following accomplishments cover reporting period March-May 2006.

D4 Closure Project (M-89-00, M-92-12, M-92-16)

100 Area

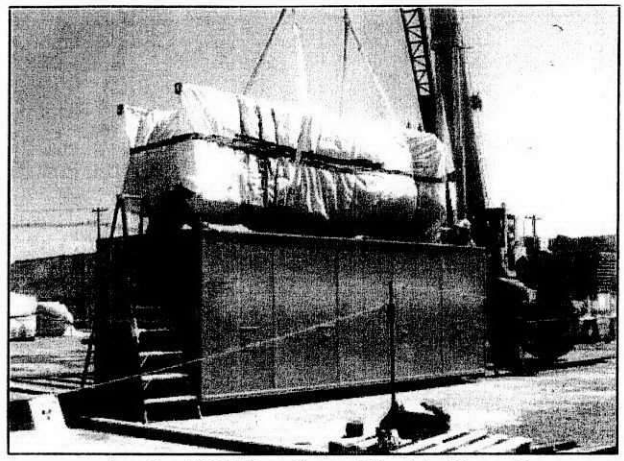
- Awarded 107N Basin Recirculation and Cooling Building Vessel Content Disposal contract in March; completed trench pipe loadout in May.
- Completed 153N Switchgear Building above-grade demolition; commenced below-grade demolition.
- Completed demolition and loadout of:
  - -- 108N Chemical Unloading Facility
  - -- 166N Oil Storage Building
  - -- 181NC Sample/Skid Station
  - -- 184NB Air Handler Building
  - -- 184NC Air Handler Annex Building
  - -- 1314N Bio-Shield
  - -- 1723N Warehouse



Demolition of 1723N Warehouse

324/327 Facilities (M-89-00, M-92-12, M-92-16)

- Completed shipment of the cation and anion columns (327 special case waste project), which completes WCH's portion of TPA Milestone M-92-16.
- Completed RCRA closure plan public comment period. TPA Change Request M-89-04-01 was approved to extend the completion date of M-89-00, "Complete Closure of Non-Permitted Mixed Waste Units in 324 Building REC B-Cell, REC D-Cell, and High Level Vault", to 9/30/2010 to align with M-94-03 completion.
- Received regulator approval of Action Memorandum and Waste Management Plan for 300 Area EE/CA #2.



Loading 303M Bag House Filter into Conex Box

300 Area

- Completed demolition/loadout of following buildings: 303B, 303E, 303F, 303J, 303M, 304, 304A, 3707D, 3711, 3715, 3746D.
- Received Conex box to ship 303M bag house filters; sent first of four shipments to ERDF.
- Continued hazardous waste and asbestos removal in building 333.

Reactor ISS Closure Project

- Completed RL/regulator review and comment resolution of Draft A EE/CA.
- Completed 100-K "7 Step Process" DQO.
- Completed 100-K environmental risk assessment.
- Completed 105/109N prequalification package for deactivation/decommissioning RFP.
- Completed 116N Air Stack deactivation.
- Commenced 119N/NA Air Sampling/Monitor deactivation.

Field Remediation Closure Project (M-16-45, M-16-46, M-16-60)

100 Area (M-16-45, M-16-46)

- Starting the mercury amalgamation campaign to open and treat approximately 80 mercury tubes found in 118-B-1 and 118-C-1 Burial Grounds.
- Discovered and initiated remediation of heavy metal plumes at 128-B-3 Burn Pit.
- Continuing to sample 100-B-14 Remaining Pipelines and Sewers (RPAS) site. Status to date: Collected 200 of the 900 samples needed to support closure.
- Continued planning for shipment of spent nuclear fuel pieces to K-Basins (found during burial ground remediation).

RIVER CORRIDOR PROJECT ACCOMPLISHMENTS

- Received Best and Final Offer bids for 100-D Burial Grounds and Remaining Sites remediation and are being reviewed. An existing on-site subcontractor will begin remediation of two high priority sites in June.
- Completed backfill of the 182-F Reservoir.
- Completed excavation/sorting/loadout at 118-F-3 Burial Ground; continued same activities at 118-F-6 Burial Ground.

118-F-6 Underground Rail Car Exposed

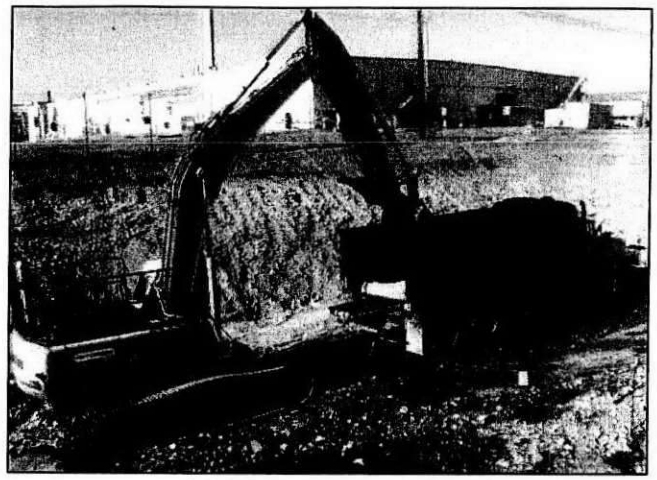
- Completed 118-K-1 Burial Ground Readiness Assessment. Began intrusive work in construction debris trenches.
- Deferred work at 100-IU-2/100-IU-6 until 10/1/06 due to funding constraints.
- Continuing backfill of the 116-N-1 Crib and Trench; have successfully placed ~137,000 of 214,000 bank cubic meters of backfill material.

116-N-1 Backfill Operation - Borrow Pit Area

- WCH mentor protégé subcontractor provided a munitions expert who performed an initial walkdown of the 600-149 unexploded ordnance (UXO) waste site. Numerous pieces of spent and UXO were identified. Subcontractor prepared a draft characterization plan.

300 Area (M-16-60)

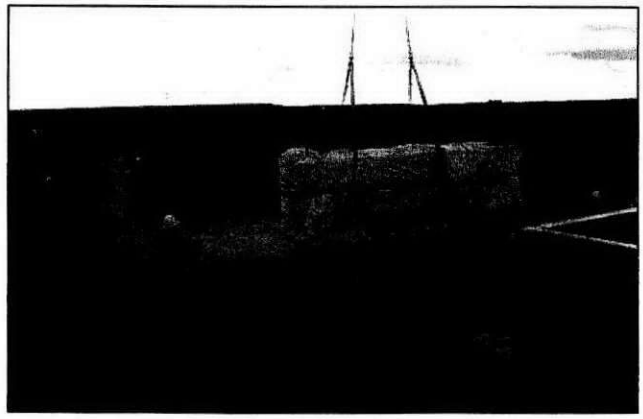
- Continued 618-2 Burial Ground excavation and loadout. Through May, nearly 49,000 U.S. tons have been sent to ERDF. Excavation is planned for completion early June, with loadout completed by month-end June.
- Received RL/EPA approval to backfill 618-3 and 618-8 Burial Grounds.
- Continuing procurement activities for bidding the West Side remediation contract. Bid submittal is scheduled for 6/29/06 with award on 8/21/06.
- Continued developing preferred option for 618-10/-11 Burial Grounds design solution.
- Completed confirmatory sampling of 300-7, 300-9, and the tanks portion of 331 LSLDF sites.



618-2 Excavation - Middle Trench

Waste Operations Project

- Awarded a new four-year, $22M subcontract on 3/1/06 for ERDF Waste Disposal.
- Submittals for the mentor protégé (MP) subcontract for transportation are complete and will assume full transportation services first week in June.
- Issued Transportation Services Master Agreement (MA) RFP (will perform direct haul/dump services in lieu of using roll on/off containers). MAs will be awarded up to three subcontractors, who will then submit selected contract documents. This will reduce mobilization durations for future job orders. Two waste transportation job order subcontracts are currently planned for award; one for 100-IU-2/-6 field remediation, and one for D4 100 and 300 Area demolition. Anticipated transportation efficiencies are increased waste volumes and decreased handling time.
- Received one shipment of other Hanford contractor (OHC) waste from PEcoS. WCH is transporting and disposing ~20 OHC containers per day.



Offloading 303M Bag House Filter at ERDF

- Through May, approximately 498,000 tons of contaminated material have been disposed in ERDF since WCH assumed River Corridor cleanup responsibilities on August 27, 2005. More than 6.5 million tons of waste have been disposed in ERDF since operations began in July 1996.

End State and Final Closure Project

Risk Assessment

- Completed sediment and sculpin sampling.
- Completed upland invertebrate (insects, spiders) and small mammal (mice) sampling, and initiated collection of environmental dosimeters installed last fall.
- Conducted plant sampling and surveys for upland, threatened, and endangered species.
- Concluded multi-increment soil sampling in the riparian zone, despite very high river conditions.
- Issued Rev. 0 of the *100/300 Area Component of the RCRBA Sampling and Analysis Plan* (SAP).
- Distributed draft copies of the *Integrated Strategy for Achieving Final Cleanup Decisions in the River Corridor* document for RL review.
- Issued Draft A of the *Columbia River Component Data Evaluation Summary Report* to RL for review.
- WCH requested schedule relief for the remainder of the Columbia River Component (CRC) risk assessment work plan task for a period of two years. This request was based on the data compiled for the CRC, and is made in order to allow an opportunity to focus the component's scope for the purposes of developing a risk assessment work plan. The delay will permit time for DOE-RL to identify the appropriate final path forward for the CRC. Schedule relief was granted by DOE-RL.

Each multi-increment soil sample is comprised of 50 small (~ 80 grams) aliquots from the sample plot.

Once the multi-increment sampling is completed at each location, the small flags marking the individual sampling area boundaries are removed.

Long Term Stewardship

- Completed operational testing of the River Corridor Closure database.
- Distributed a draft *300 Area Industrial Cleanup Approach Analysis* document for RL review.
- Continued strategic planning for *Long-Term Stewardship - Draft* document development.

Orphan Sites

- Continued lessons learned evaluation for the interim (non-operational) areas of the river corridor.
- Completed field walkdown as part of the orphan sites evaluation for the 100-D Area.

- **118-K-1 Burial Ground:** Spent nuclear fuel (SNF) was discovered in the 100-B/C Burial Grounds during remediation. The Auditable Safety Analysis (ASA) for the 118-K-1 Burial Ground was revised to include the potential discovery of SNF. Due to the different types of material that may be present in the burial ground, preliminary calculations indicate the hazard categorization will increase to a Hazard Category 3 Nuclear Facility. Field activities were suspended to prepare a Documented Safety Analysis (DSA).

  Status: The DSA was approved by RL. The project was also directed to perform an Operational Readiness Review (ORR) due to the 118-K-1 Burial Ground Final Hazard Classification being greater than Category 3. RL, with WCH support, requested an exemption to the ORR requirement from DOE Headquarters which was accepted. An RL-approved Readiness Assessment was completed in May, and intrusive work in construction debris trenches A and B began May 30, 2006. This will be the final report on this issue.

RIVER CORRIDOR CLOSURE PROJECT PERFORMANCE SUMMARY
Contract Inception (8/27/05) through April 2006
($K)

	IPB		CUMULATIVE			SCHEDULE VAR		COST VAR	
	BCWS	EAC	BCWS	BCWP	ACWP	$	SPI	$	CPI
D4	652,592	652,592	30,337	36,729	21,899	6,392	1.21	14,830	1.68
Reactor ISS	91,641	91,641	2,004	3,513	1,759	1,509	1.75	1,754	2.00
Field Remediation	397,220	397,220	27,338	31,313	28,139	3,975	1.15	3,174	1.11
Waste Operations	246,661	246,661	6,646	11,678	16,644	5,032	1.76	-4,966	0.70
ESFC	55,954	55,954	3,144	4,189	3,190	1,045	1.33	999	1.31
Mission/General Support	320,891	320,891	22,647	22,647	27,083	0	1.00	-4,436	0.84
Transition	3,979	3,979	3,979	3,979	3,798	0	1.00	181	1.05
Contingency	270,853	270,853							
TARGET COST TOTAL	**2,039,792**	**2,039,792**	**96,095**	**114,048**	**102,512**	**17,953**	**1.19**	**11,536**	**1.11**

Schedule Variance Summary:

Through April, the RCC Project is $18.0M ahead of schedule. The positive schedule variance is attributed to miscellaneous 300 Area building demolitions and significant acceleration of 100-N Area building demolitions; accelerated field remediation workscope in 100-F, 100-N, 100-K, and 300 Areas. Positive schedule variance is partially offset by remediation delays at 100-BC Burial Grounds and Remaining Sites.

Cost Variance Summary:

At the end of April, the RCC Project had performed $114.0M worth of work, at a cost of $102.5M. This results in a favorable cost variance of $11.5M. The positive cost variance is attributed to significant underruns due to streamlined characterization and deactivation processes for 314 and 333 buildings; 300 Area demolitions; partially offset due to prior-month change control for additional soil volumes not yet incorporated into IPB, and by project startup activities such as IPB, procedure development, and ISMS greater than planned.

INTEGRATION ISSUES

This section of the quarterly review discusses Central Plateau milestones and workscope that potentially affect River Corridor milestones.

- On October 31, 2005 the DOE Groundwater Project (Fluor Hanford) delivered a draft report to Ecology, assessing the effects of groundwater/river interface on aquatic and riparian eco-receptors at the 100-N Area. The Washington Closure Hanford (WCH) End State and Final Closure Project is planning to incorporate the results of the 100-N Area assessment in the 100/300 Area baseline risk assessment.

  WCH has not included regulatory review of the Fluor-prepared 100-N report as a critical path task in the WCH baseline. Ecology has expressed concern that if there are substantial review issues for the Fluor report, it could delay completion of the WCH-prepared Sampling and Analysis Plan (SAP). In May 2006, WCH started preparing the 100/300 Area SAP that would integrate 100-N Area. DOE transmitted the revised 100-N ecological report to Ecology in June 2006. The Ecology Project Manager believes that there is a lack of integration between the two efforts, and believes that the lack will affect the cost and schedule of the SAP.

  WCH Status: The WCH contractor has been coordinating directly with the 100-N Area assessment team, and information and data have been shared prior to issuance of the 100-N Ecological Report in June 2006. This information is being utilized in the planning for the inter-area evaluation (this includes the 100-N Area shoreline). The inter-area evaluation and the 100-N Ecological Report were discussed at the June 1 and 2 Trustee workshops, and further discussions are tentatively planned for the July 13 Trustee workshop.

- On March 21, 2006, removal of the 327 special case waste (SCW) was completed, which satisfied completion of WCH's portion of TPA Milestones M-92-12 and M-92-16.

  Status: Discussions are underway with Central Plateau regarding the final SCW item in the 340 building. This concludes future M-92 status updates by WCH as there are no further actions required under the River Corridor Project.

U.S. Department of Energy
Richland Operations Office
Fast Flux Test Facility (FFTF) Deactivation

Tri-Party Agreement (TPA)
M-81-00 Series Milestones
06/15/06

Status of FFTF Deactivation
TPA M-81-00 Milestones
(06/15/06)

Milestone	Milestone Description	Due Date	Status
M-81-00A	Complete FFTF Facility Transition and Initiate the Surveillance and Maintenance Phase	02/28/11	On Schedule
M-81-00-T01	Complete Reactor Defueling	09/30/95	Completed 04/19/95
M-81-00A-T02	Complete Transfer of Unirradiated Fuel to Secure Onsite Storage	03/31/09	Completed 11/3/03
M-81-00A-T03	Complete Transfer of Irradiated Fuel to Secure Onsite Storage	03/31/09	Completed 3/31/06
M-81-00A-T04	Complete Transfer of Special Fuel to DOE's Idaho National Engineering Laboratory for Consolidated Storage	03/31/09	On Schedule
M-81-00A-T05	Complete Auxiliary Plant Systems Shutdown	02/28/11	On Schedule
M-81-01	Initiate Sodium Storage Facility Construction	02/28/97	Completed 10/9/95
M-81-02	Complete Sodium Storage Facility Startup	07/31/98	Completed 01/17/97

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Status of FFTF Deactivation TPA M-81-00 Milestones and Related M-20-29B Milestone (06/15/06, Continued)

Milestone	Milestone Description	Due Date	Status
M-81-10-T01	Submit Final Sodium Disposition Report	07/31/07	On Schedule
M-81-11	Submit FFTF End Point Criteria Document	08/31/05	Completed 07/7/05
M-81-12	Initiate FFTF Sodium Drain	06/30/03	Completed 04/7/03
M-81-13	Complete Reactor and Heat Transport System Sodium Drain	06/30/05	Completed 06/15/05
M-81-14-T01	Complete Fuel Storage Facility Sodium Drain	04/30/07	Completed 09/1/05
M-81-14-T02	Initiate Interim Decay Storage Vessel Sodium Drain	06/30/08	Ahead of Schedule
M-81-14	Complete FFTF Sodium Drain	09/30/09	On Schedule
M-81-15	Submit FFTF Surveillance and Maintenance Plan	06/30/10	On Schedule
M-20-29B	Submit Sodium Storage Facility and Sodium Reaction Facility Closure Plan or Request for Procedural Closure to Ecology as Defined in Agreement Section 6.3.3	06/30/03	Completed 06/12/03

3

RL Program Managers Assessment of Contractor Performance

(06/15/06)

- Fluor Hanford continues to focus on the high priority deactivation activities of fuel offload and sodium drain for FFTF.
- Secondary priority of Systems Deactivation continues on plant systems that are no longer needed.
- Project costs and schedule continue to be maintained in control

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Significant Accomplishments Last Three Months

(06/15/06)

- **Fuel Offload**
  - Completed mixed oxide fuel wash and offload to Interim Storage Casks (ISCs) for onsite storage; TPA M/S M-81-00A-T03
  - Completed fuel and component offload from the Interim Decay Storage vessel to support sodium drain
  - The remaining fuel (sodium bonded) assemblies remain stored in the Interim Examination and Maintenance Cell
  - Continued efforts to obtain a new T-3 Cask Certificate of Compliance for the sodium bonded fuel

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Significant Accomplishments Last Three Months

(06/15/06)

- **Sodium Drain**
  - All bulk sodium has been drained from the FFTF Plant except for the Interim Decay Storage vessel (~23,000 gallons)
  - Fabrication of equipment, preparation of procedures, training, etc. continues in support Interim Decay Storage vessel sodium drain
  - Completed plunging sodium from the core component pots in the Interim Decay Storage vessel
  - Completed sodium potassium (NaK) cleaning in the Fuel Storage Facility cooling loop

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Significant Planned Actions - Next Six Months
(06/15/06)

- **Fuel Offload**
  - Continued efforts to obtain a new T-3 Cask Certificate of Compliance for sodium bonded fuel shipments
  - Wash and store sodium bonded fuel assemblies in the Interim Examination and Maintenance cell
- **Sodium Drain**
  - Complete offload and storage of the Core Component Pots
  - Complete sodium drain from the Interim Decay Storage (IDS) vessel (~23,000 gallons). Due September 31.
- **Auxiliary Systems Shutdown**
  - Continue systems shutdown when they are no longer needed.

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Schedule / Cost Performance
Fiscal Year to Date Status ($000s) through 05/06

Description	BCWS	BCWP	ACWP	SV	CV	BAC
FFTF	$24,708.5	$24,203.2	$23,293.2	($505.3)	$ 910.0	$42,046

Schedule Variance Analysis (-$0.5M):
The negative schedule variance is contributed to sodium residual disposition being behind the baseline schedule due to project replanning.

Cost Variance Analysis (+$0.7M):
The favorable cost variance is contributed to costs being less than budgeted for sodium draining, i.e., elimination of the need to provide supplemental heating system for the Interim Decay Storage Vessel, and a budget passback.

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Project Issues

(06/15/06)

- **Redirection of the FFTF Closure Project and Out Year Budget Profile**
  - Directed to place FFTF in long-term Surveillance and Maintenance mode
  - Determining the amount of workscope that can be completed within budget constraints
- **Receipt of a T-3 Cask Certificate of Compliance in a timely manner**
  - Required to transfer sodium bonded fuel to the Idaho National Laboratory
  - Corrective Action: A technical strategy document is being prepared to discuss with Headquarters
- **Option to process Hanford Bulk Sodium is no longer available**
  - RL letter to ID dated April 21, 2006 notified that the Sodium Processing Facility is no longer needed to process the Hanford bulk sodium

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Summary

(06/15/06)

- Progress continues to be made in the key deactivation areas of fuel offload and sodium drain
- The project is currently pursuing a clear path forward
- Issues continue to be worked for resolution

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